

Typical Estimate

Typical Estimate for the construction of JHHT's.

(Whereas the actual construction should be as per the specifications mentioned in Annexure 'B' of EOI).

Particulars	Amount
Excavation in trenches for foundation Wall 2x 4'0" x 1'0" x 9'0" 6cf ✓ Wall 2x 2'0" x 1'0" x 9'0" 3cf ✓ Trench 1x 8'0" x 4'0" x 4'0" 122.12cf ✓ Pipe 1x 10'0" x 0'0" x 9'0" 5.62cf ✓ $\frac{186.74cf}{5.78} \approx 32.31m^3 @ 240.64/m^3$ ✓	1269/- 2251100
P/Cy 1:5:10 mix C.Cone with 40mm N/S Nails & Iron Bath 1x 4'0" x 4'0" x 3'0" 4cf ✓ Pipe 1x 10'0" x 9'0" x 3'0" 1.87cf ✓ Tank 1x 2'0" x 5'0" x 3'0" 2.46cf ✓ $\frac{8.33cf}{0.23m^3} @ 267135/m^3$ ✓	614/-
Brickwork with FPS Batts 1:4 mix 2x 4'0" x 8'0" 64sf ✓ 2x 3'0" x 7'0" 54.5sf ✓ 1x 4'0" x 4'0" 16.00sf ✓ $\frac{134.5sf}{11.00} \approx 12.23m^3 @ 57380/m^3$ ✓ 1/2" Port 1x 2'0" x 2'0" x 1'0" 1.00sf ✓ V 1x 1'0" x 1'0" x 1'0" 1.00sf ✓ $\frac{11.92sf}{11.00} \approx 1.08m^3 @ 57380/m^3$ ✓ Brickwork with 2-PC Bricks in 1:4 mix & Iron Carb Wall	6357000
2x 4'0" x 4'0" 32sf ✓ 2x 8'0" x 4'0" 64sf ✓ $\frac{96sf}{8.92m^3} @ 42158/m^3$ ✓	3259000
Prev layer of 1:3:6 mix C.Cone with 20mm N/S Nails & Iron wire 2nd. bricks. Wall 2x 4'0" x 1'0" x 1'0" 12cf ✓ Wall 2x 2'0" x 1'0" x 1'0" 6cf ✓ Pipe 1x 10'0" x 9'0" x 5'0" 22.5cf ✓ $\frac{40.5cf}{21.07} \approx 1.92m^3 @ 3552sf/m^3$ ✓ 0.1220sf bricks = 0.59m ³ ✓ $\frac{0.59m^3}{0.11m^3} \approx 5.36m^3$ ✓ $\frac{0.59m^3}{0.48} \approx 1.23m^3$ ✓ $\frac{0.59m^3}{0.48} \approx 1.23m^3$ ✓	1705/- 1518000
Supply of Irons for plan Con 5@ 0.11m ³ @ 32705/m ³	3500
	13739/-

113739/-

laying of C.Corr Rec slab with 20mm 1/6 rubble & trowel for
skull.

$T \times 5'0" \times 5'0" \times 3' = 6.25 \text{ m}^3$
 $T \times 8'0" \times 4'3" \times 4' = 12.67 \text{ m}^3$
 $18.92 \text{ m}^3 \sim 0.53 \text{ m}^3 @ 4810 \text{ kg}$

$2453 =$
~~2453~~

of U-steel for reinforcement work
vide H.No. 0-51

$0.51 \text{ m}^3 @ 80 \text{ kg/m}^3 = 40.80 \text{ kg}$
 $40.80 \text{ kg} @ 711 \text{ kg}$

$2895 =$
~~3000~~

of skull for form work of ordinary timber plank.

(a) mass concrete

$2 \times 2 \times 4'0" \times 9' = 12 \text{ m}^3$
 $2 \times 2 \times 2'0" \times 9' = 6 \text{ m}^3$
 $18 \text{ m}^3 @ 1.67 \text{ m}^3 @ 1792 \text{ kg/m}^3$

$2990 =$

(b) floor

$T \times 5'0" \times 5'0" = 25 \text{ m}^2$
 $T \times 8'0" \times 4'3" = 38 \text{ m}^2$
 $63.25 \text{ m}^2 @ 5.87 \text{ m}^2 @ 372 \text{ kg/m}^2$

$2183 =$

laying of 1:2:4 concrete for flooring 50mm thick

$T \times 4'0" \times 4'0" = 16 \text{ m}^2$
 $T \times 4'0" \times 3'0" = 13 \text{ m}^2$
 $29 \text{ m}^2 @ 2.74 \text{ m}^2 @ 275 \text{ kg/m}^2$

$753 =$
 $7392 =$
 $22323 =$

$2240 =$

Add L.S. Rs. 500 for carriage of material
up to site

$1500 =$
~~1500~~

Add L.S. Rs. 1500 for iron door with
frame and lock

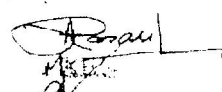
$1500 =$
~~1500~~

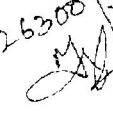
Add L.S. Rs. 1500 for water tap,
pvc 100mm diameter of approved body
etc

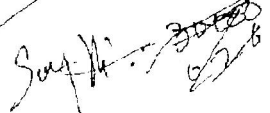
$1000 =$
~~1000~~


Add L.S. Rs. 2000 for pipes, seats
& G.I. pipes for connection

$2000 =$
~~2000~~
 $26323 =$

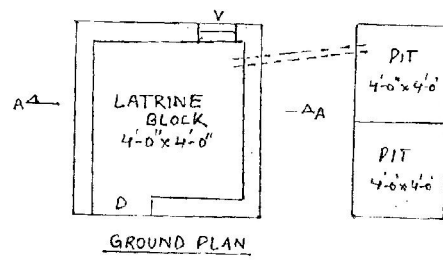
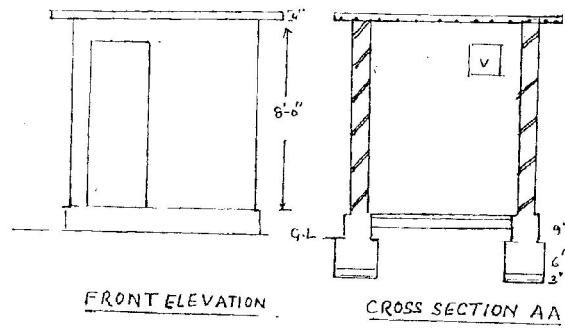
To: 

Summ - 26300/-


Summ - 2000/-




DRAWING SHOWING THE PLAN OF IHHL UNDER S.D.M



Sunil Suri
DRAWN BY:- SUNIL SURI
J.E. M.C. RAMNAGAR

25-Jan-11 20:01